

GA Analysis Workform for 2022 Rate Applications

Version 1.0

Input cells
Drop down cells

Utility Name **BURLINGTON HYDRO INC.**

Note 1

For Account 1589 and Account 1588, determine if a or b below applies and select the appropriate year related to the account balance in the drop-down box to the right.

- a) If the account balances were last approved on a final basis, select the year of the year-end balances that were last approved on a final basis.
- b) If the account balances were last approved on an interim basis, and
 - i) there are no changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on an interim basis. OR
 - ii) there are changes to the previously approved interim balances, select the year of the year-end balances that were last approved for disposition on a final basis. An explanation should be provided to explain the reason for the change in the previously approved interim balances.

Year Selected

2019

(e.g. If the 2019 balances that were reviewed in the 2021 rate application were to be selected, select 2019)

Instructions:

- 1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the appropriate GA Analysis Workform tabs, and information in the Principal Adjustments tab and Account 1588 tab.
For example:
 - Scenario a - If 2019 balances were last approved on a final basis - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 - Scenario bi - If 2019 balances were last approved on an interim basis and there are no changes to 2019 balances - Select 2019 and a GA Analysis Workform for 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
 - Scenario bii - If 2019 balances were last approved on an interim basis, there are changes to 2019 balances, and 2018 balances were last approved for disposition - Select 2018 and GA Analysis Workforms for 2019 and 2020 will be generated. The input cells required in the Principal Adjustment and Account 1588 tabs will be generated accordingly as well.
- 2) Complete the GA Analysis Workform for each year generated.
- 3) Complete the Account 1588 tab. Note that the number of years that require the reasonability test to be completed are shown in the Account 1588 tab, depending on the year selected on the Information Sheet.
- 4) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in the one Principal Adjustments tab, depending on the year selected on the Information Sheet.

See the separate document GA Analysis Workform Instructions for detailed instructions on how to complete the Workform and examples of reconciling items and principal adjustments

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL	Reconciling Items	Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at Actual Rate Paid	Unresolved Difference as % of Expected GA Payments to IESO
2020	\$ 737,047	\$ 809,068	\$ 136,444	\$ 945,512	\$ 208,465	\$ 59,859,839	0.3%
Cumulative Balance	\$ 737,047	\$ 809,068	\$ 136,444	\$ 945,512	\$ 208,465	\$ 59,859,839	N/A

Account 1588 Reconciliation Summary

Year	Account 1588 as a % of Account 4705
2020	0.4%

GA Analysis Workform

Note 2 **Consumption Data Excluding for Loss Factor (Data to agree with RRR as applicable)**

Year		2020		
Total Metered excluding WMP	C = A+B	1,504,792,713	kWh	100%
RPP	A	806,133,163	kWh	53.6%
Non-RPP	B = D+E	698,659,550	kWh	46.4%
Non-RPP Class A	D	188,143,335	kWh	12.5%
Non-RPP Class B*	E	510,516,215	kWh	33.9%

*Non-RPP Class B consumption reported in this table is not expected to directly agree with the Non-RPP Class B Including Loss Adjusted Billed Consumption in the GA Analysis of Expected Balance table below. The difference should be equal to the loss factor.

Note 3 **GA Billing Rate**

GA is billed on the Note that the GA actual rates for April to June 2020 are based on the unadjusted GA rates, without the impacts of the GA deferral.

Please confirm that the adjusted GA rate was used to bill customers from April to June 2020.

For the months of April to June 2020, the IESO provided adjusted GA rates, which reflected the deferral of a portion of the GA as per the May 1, 2020 Emergency Order, and unadjusted GA rates which did not consider the GA deferral.

 Yes

Please confirm that the same GA rate is used to bill all customer classes. If not, please provide further details

 Yes

Please confirm that the GA Rate used for unbilled revenue is the same as the one used for billed revenue in any particular month

 Yes

Note 4 **Analysis of Expected GA Amount**

Year	2020								
Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous Month Unbilled Loss Adjusted Consumption (kWh)	Add Current Month Unbilled Loss Adjusted Consumption (kWh)	Non-RPP Class B Including Loss Adjusted Consumption, Adjusted for Unbilled (kWh)	GA Rate Billed (\$/kWh)	\$ Consumption at GA Rate Billed	GA Actual Rate Paid (\$/kWh)	\$ Consumption at Actual Rate Paid	Expected GA Price Variance (\$)
	F	G	H	I = F-G+H	J	K = I*J	L	M = I*L	N=M-K
January	47,766,034	52,335,151	49,636,428	45,067,312	0.08323	\$ 3,750,952	0.10232	\$ 4,611,287	\$ 860,335
February	52,852,766	49,636,428	45,204,303	48,420,641	0.12451	\$ 6,028,854	0.11331	\$ 5,486,543	\$ (542,311)
March	46,014,366	45,204,303	44,691,194	45,501,257	0.10432	\$ 4,746,691	0.11942	\$ 5,433,760	\$ 687,069
April	45,321,325	44,691,194	40,510,978	41,141,109	0.13707	\$ 5,639,212	0.11500	\$ 4,731,228	\$ (907,984)
May	38,475,600	40,510,978	41,709,581	39,674,202	0.09293	\$ 3,686,924	0.11500	\$ 4,562,533	\$ 875,610
June	39,397,068	41,709,581	45,714,033	43,401,521	0.11500	\$ 4,991,175	0.11500	\$ 4,991,175	\$ -
July	45,017,636	45,714,033	47,358,246	46,661,849	0.10305	\$ 4,808,503	0.09902	\$ 4,620,456	\$ (188,047)
August	49,613,833	47,358,246	45,486,247	47,741,834	0.10232	\$ 4,884,944	0.10348	\$ 4,940,325	\$ 55,381
September	50,745,911	45,486,247	40,666,097	45,925,761	0.11573	\$ 5,314,988	0.12176	\$ 5,591,921	\$ 276,932
October	42,443,742	40,666,097	40,151,131	41,928,775	0.14954	\$ 6,270,029	0.12806	\$ 5,369,399	\$ (900,630)
November	40,799,654	40,151,131	40,569,695	41,218,219	0.11670	\$ 4,810,166	0.11705	\$ 4,824,593	\$ 14,426
December	40,778,808	40,569,695	44,274,877	44,483,989	0.10704	\$ 4,761,566	0.10558	\$ 4,696,620	\$ (64,947)
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	539,226,743	534,033,085	525,972,811	531,166,469		\$ 59,694,006		\$ 59,859,839	\$ 165,833

Annual Non-RPP Class B Wholesale kWh	Annual Non-RPP Class B Retail billed kWh (excludes April to June 2020)	Annual Unaccounted for Energy Loss kWh	Weighted Average GA Actual Rate Paid (\$/kWh)**	Expected GA Volume Variance (\$)
O	P	Q=O-P	R	P=Q*R
412,026,637	406,949,636	5,077,001	0.11251	\$ 571,213

*Equal to (AQEW - Class A + embedded generation kWh)/(Non-RPP Class B retail kWh/Total retail Class B kWh). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

**Equal to annual Non-RPP Class B \$ GA paid (i.e. non-RPP portion of CT 148 on IESO invoice) divided by Non-RPP Class B Wholesale kWh (as quantified in column O in the table above). Note that the data for April to June 2020 should be excluded as the line loss volume variance would be reflected in the reconciling item below for #5 Impacts from GA deferral.

Total Expected GA Variance	\$ 737,047
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Calculated Loss Factor	1.0404
Most Recent Approved Loss Factor for Secondary Metered Customer < 5,000kW	1.0382
Difference	0.0022

a) Please provide an explanation in the text box below if columns G and H for unbilled consumption are not used in the table above.

b) Please provide an explanation in the text box below if the difference in loss factor is greater than 1%

Note 5 Reconciling Items

Item		Amount	Explanation	Principal Adjustments	
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)				Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
		\$ 809,068			
1a	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - prior year				
1b	CT 148 True-up of GA Charges based on Actual Non-RPP Volumes - current year	\$ 34,335		Yes	
2a	Remove prior year end unbilled to actual revenue differences				
2b	Add current year end unbilled to actual revenue differences				
3a	Significant prior period billing adjustments recorded in current year	\$ 191,466	Billing adjustment for the period Jan/17 to Jan/19 completed in 2020 & posted to 2020 GL transactions	No	Prior Year billing adjustments not adjusted for
3b	Significant current period billing adjustments recorded in other year(s)				
4	CT 2148 for prior period corrections				
5	Impacts of GA deferral	\$ (89,357)	Impact of line losses April to June 2020 (revenue under stated)	No	Immaterial
6					
7					
8					
9					
10					
11					

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	945,512
	Net Change in Expected GA Balance in the Year Per Analysis	\$	737,047
	Unresolved Difference	\$	208,465
	Unresolved Difference as % of Expected GA Payments to IESO		<u>0.3%</u>



Account 1588 Reasonability

Note 7 **Account 1588 Reasonability Test**

Year	Account 1588 - RSVA Power			Account 4705 - Power Purchased	Account 1588 as % of Account 4705
	Transactions ¹	Principal Adjustments ¹	Total Activity in Calendar Year		
2020	849,258	- 422,095	427,163	114,488,824	0.4%
Cumulative	849,258	- 422,095	427,163	114,488,824	0.4%

Notes

- 1) The transactions should equal the "Transaction" column in the DVA Continuity Schedule. This is also expected to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Principal adjustments should equal the "Principal Adjustments" column in the DVA Continuity Schedule. Principal adjustments adjust the transactions in the general ledger to the amount that should be requested for disposition.

GA Analysis Workform - Account 1588 and 1589 Principal Adjustment Reconciliation

Note 8 **Breakdown of principal adjustments included in last approved balance:**

Account 1589 - RSVA Global Adjustment			
	Adjustment Description	Amount	To be reversed in current application?
1			
2			
3			
4			
5			
6			
7			
8			
	Total	-	
Total principal adjustments included in last approved balance			
Difference		-	

Account 1588 - RSVA Power			
	Adjustment Description	Amount	To be Reversed in Current Application?
1			
2			
3			
4			
5			
6			
7			
8			
	Total	-	
Total principal adjustments included in last approved balance			
Difference		-	

Note 9 **Principal adjustment reconciliation in current application:**

Notes

- 1) The "Transaction" column in the DVA Continuity Schedule is to equal the transactions in the general ledger (excluding transactions relating to the removal of approved disposition amounts as that is shown in a separate column in the DVA Continuity Schedule)
- 2) Any principal adjustments needed to adjust the transactions in the general ledger to the amount that should be requested for disposition should be shown separately in the "Principal Adjustments" column of the DVA Continuity Schedule
- 3) The "Variance RRR vs. 2020 Balance" column in the DVA Continuity Schedule should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.
- 4) Principal adjustments to the pro-ration of CT 148 true-ups (i.e. principal adjustment #1 in tables below) are expected to be equal and offsetting between Account 1588 and Account 1589, if not, please explain. If this results in further adjustments to RPP settlements, this should be shown separately as a principal adjustment to CT 1142/142 (i.e. principal adjustment #2 in tables below)

Complete the table below for the current disposition period. Complete a table for each year included in the balance under review in this rate application. The number of tables to be completed is automatically generated based on data provided in the Information Sheet

Account 1589 - RSVA Global Adjustment			
Year	Adjustment Description	Amount	Year Recorded in GL
<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>			
1			
2			
3			
4			
5			
6			
7			
8			
	Total Reversal Principal Adjustments	-	
<i>Current year principal adjustments</i>			
1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	\$ 34,335	2021
2	Unbilled to actual revenue differences		
3			
4			
5			
6			
7			
8			
	Total Current Year Principal Adjustments	34,335	
Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		34,335	

Account 1588 - RSVA Power			
Year	Adjustment Description	Amount	Year Recorded in GL
<i>Reversals of prior approved principal adjustments (auto-populated from table above)</i>			
1			
2			
3			
4			
5			
6			
7			
8			
	Total Reversal Principal Adjustments	-	
<i>Current year principal adjustments</i>			
1	CT 148 true-up of GA Charges based on actual RPP volumes	(34,335)	2021
2	CT 1142/142 true-up based on actuals	(387,760)	2021
3	Unbilled to actual revenue differences		
4			
5			
6			
7			
8			
	Total Current Year Principal Adjustments	(422,095)	
Total Principal Adjustments to be Included on DVA Continuity Schedule/Tab 3 - IRM Rate Generator Model		(422,095)	